

AMENDMENTS TO THE CLAIMS

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10. (Original) A video-signal recording/reproduction apparatus comprising:

a recording/reproduction unit for recording and reproducing a video signal generated by an imaging apparatus as a video signal with every frame thereof including additional meta data related to said video signal onto and from a recording medium; and

a meta-data synthesis apparatus for extracting at least a part of said meta data from said video signal including said meta data added to every frame and synthesizing said extracted part with said video signal.

11. (Original) A video-signal recording/reproduction apparatus according to claim 10, wherein said meta data added to said video signal is packed into one or more meta-data groups provided for different purposes of utilizing said meta data.

12. (Original) A video-signal recording/reproduction apparatus according to claim 10, wherein said meta-data synthesis apparatus extracts at least a part of said meta data from said video signal reproduced by said recording/reproduction unit from said recording medium and synthesizes said extracted part with said reproduced video signal.

13. (Original) An imaging apparatus comprising:

an imaging unit for taking an image of an object and generating a video signal representing said image; and

a display unit for displaying said video signal,

wherein said imaging apparatus is connected to a meta-data synthesis apparatus of which at least a part of meta data related to said video signal is extracted from said video signal including said meta data added to every frame and synthesized with said video signal, and said imaging apparatus receives from said meta-data synthesis apparatus said video signal including said synthesized meta data and displays said video signal on said display unit.

14. (Currently Amended) A meta-data display method for displaying meta data related to a video signal generated by an imaging apparatus, said meta-data display method comprising the steps of:

extracting at least a part of said meta data added to said video signal of every frame from said video signal and synthesizing said extracted part with said video signal; and

displaying said video signal including said synthesized meta data on a display apparatus;
wherein:

said display apparatus is provided in said imaging apparatus; and

said meta data added to said video signal includes scene-information meta data,

which is meta data related to a scene shot by said imaging apparatus.

15. (Cancelled)

16. (Cancelled)

17. (Original) A meta-data display method according to claim 14, wherein said meta data added to said video signal is packed into one or more meta-data groups provided for different purposes of utilizing said meta data.

18. (Original) A meta-data display method according to claim 14, said meta-data display method further having the steps of:

reproducing said video signal including said meta data added thereto from a recording medium;
extracting at least a part of said meta data from said video signal reproduced from said recording medium; and
synthesizing said extracted part with said reproduced video signal.

19. (New) A meta-data display system for displaying meta-data related to a video signal, comprising:

an imaging apparatus that captures video content and generates the video signal and meta-data associated with each frame of the video signal;

a meta-data addition apparatus that receives the meta-data and the video signal and combines the meta-data associated with each frame of the video signal and the video signal, and outputs a combined video signal;

a storage device for storing the combined video signal;

a meta-data synthesis apparatus that synthesizes the combined video signal to produce a synthesized video signal, the synthesized video signal including the video signal where each frame is visually combined with at least a portion of the meta-data associated with that frame;

a display for displaying the synthesized video signal.

20. (New) The meta-data display system of claim 19, wherein the display apparatus is a component of the imaging apparatus.

21. (New) The meta-data display system of claim 19, wherein imaging apparatus includes:

a lens system that produces lens setting meta-data;

a positioning system that produces position meta-data;

an input terminal for inputting scene-information meta-data; and

wherein,

the meta-data addition apparatus adds the lens setting meta-data, the position meta-data, and the scene-information meta-data to the video signal, to produce the combined video signal.

22. (New) The meta-data display system of claim 21, wherein the meta-data received by the meta-data addition apparatus is organized into one or more meta-data groups provided for each of the lens setting meta-data, the position meta-data, and the scene-information meta-data.

23. (New) The meta-data display system of claim 19, wherein the meta data added to the video signal is packed into one or more meta-data groups provided for different purposes of utilizing the meta-data.

24. (New) The meta-data display system of claim 19, the meta-data display system include a video-signal recording/reproduction apparatus for recording and reproducing the combined video signal onto and from a recording medium, wherein at least a part of the meta-data is extracted from the video signal reproduced by the video-signal recording/reproduction apparatus and synthesized with the video signal.

25. (New) A meta-data display system, comprising:

- a meta-data synthesis apparatus for extracting at least a part of the meta-data associated with every frame of a video signal and synthesizing the extracted meta-data with the video signal to produce a synthesized video signal; and

- an imaging apparatus for generating the video signal and the meta-data for every frame of the video signal;

- wherein in the synthesized video, each video frame is visually combined with meta-data associated with that video frame.

26. (New) The meta-data display system of claim 25, wherein the synthesized video signal is transmitted to the imaging apparatus.

27. (New) The meta-data display system of claim 25, wherein the meta-data added to the video signal includes scene-information meta-data, which is meta-data related to a scene shot by the imaging apparatus.

28. (New) The meta-data display system of claim 27, wherein the imaging apparatus includes:

- a lens system that produces lens setting meta-data;
- a positioning system that produces position meta-data;
- an input terminal for inputting scene-information meta-data; and
- a meta-data addition apparatus adds the lens setting meta-data, the position meta-data , and the scene-information meta-data to the video signal, to produce the combined video signal.

29. (New) The meta-data display system of claim 25, wherein the meta-data added to the video signal is packed into one or more meta-data groups for different purposes of utilizing the meta data.